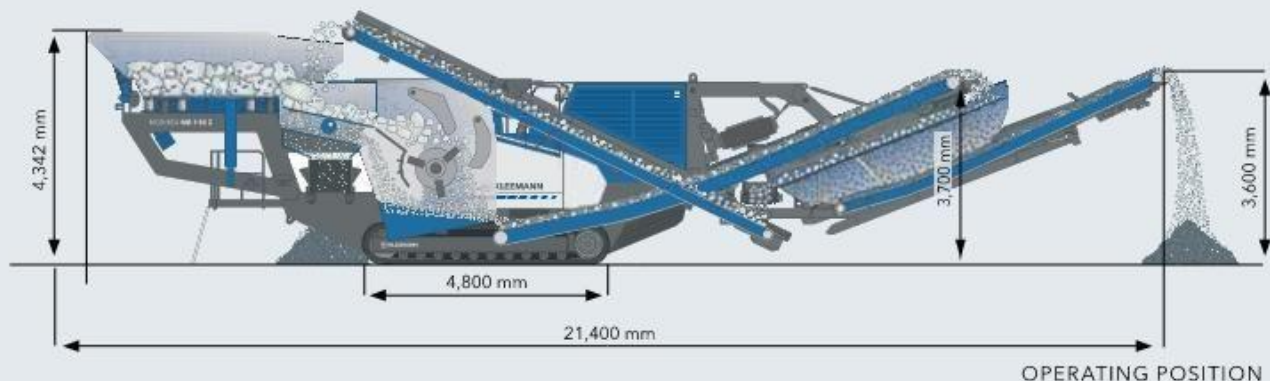


TECHNICAL INFORMATION | TRACK-MOUNTED IMPACT CRUSHERS

MOBIREX MR 130 Z/130 Zi EVO2





TECHNICAL HIGHLIGHTS

- Optimised material flow as a result of extending system widths
- Hydraulic gap setting
- Efficient and powerful diesel-direct drive
- High-performance secondary screening unit with oversize grain returning (option)

TECHNICAL INFORMATION MR 130 Z/130 Zi EVO2

Feeding unit

Feed capacity up to approx. (t/h) ¹⁾	450
Feed size max. (mm)	1,100 x 700
Feed height (with extension) (mm)	4,342 (4,700)
Hopper volume (with extension) (m ³)	4.0 (7.2)
Width x Length (with extension) (mm)	2,250 x 3,700 (3,000 x 3,700)

Vibrating feeder

Width x Length (mm)	1,200 x 2,600
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Prescreening

Type	double-deck heavy-piece screen
Width x Length (mm)	1,200 x 2,300

Side discharge conveyor (optional)²⁾

Width x Length (extended) (mm)	650 x 4,000 (6,000)
Discharge height approx. (extended) (mm)	2,900 (3,650)

Crusher

Impact crusher type	SHB 130 - 090
Crusher inlet width x height (mm)	1,300 x 900
Crusher weight approx. (kg)	16,500
Rotor diameter (mm)	1,200
Crusher drive type / approx. (kW)	direct, 260
Adjustment of impact toggles	infinitely variable, fully hydraulic
Crushing capacity with demolished concrete up to approx. (t/h)	300 ²⁾
Crushing capacity with rubble up to approx. (t/h)	300 ²⁾
Crushing capacity with broken asphalt up to approx. (t/h)	260 ²⁾
Crushing capacity with limestone up to approx. (t/h)	340 ²⁾

Vibrating extractor

Width x Length (mm)	1,400 x 2,700
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Crusher discharge conveyor

Width x Length (extended) (mm)	1,400 x 9,700 (11,300)
Discharge height approx. (extended) (mm)	3,700 (4,200)

Power supply unit

Drive concept	diesel-direct
MR 130 Z EVO2: Scania (Tier 3/Stage IIIA) (kW)	371 (1,800 rpm)
Scania (LRC) (kW)	410 (1,800 rpm)
MR 130 Zi EVO2: Scania (Tier 4f/Stage IV) (kW)	368 (1,800 rpm)
Generator (kVA)	135

Secondary screening unit (optional)

Type	single-deck lightweight screen
Width x Length (mm)	1,550 x 4,550
Return conveyor (mm)	500 x 9,750
Discharge height of fine grain discharge conveyor approx. (mm)	3,600

Transport⁴⁾

Transport height approx. (mm)	3,750
Transport length without (with) screening unit approx. (mm)	18,400 (21,750)
Transport width without (with) screening unit max. (mm)	3,000 (3,150)
Transport weight without (with) screening unit approx. (kg)	48,500 (57,200)
Transport weight of screening unit approx. (kg) ²⁾	6,200

¹⁾ dependent on the type and composition of the feed material, the feed size, the prescreening, as well as the desired final grain size

²⁾ for final grain size 0 - 45 mm with approx. 10 - 15% oversize grain

³⁾ for final grain size 0 - 32 mm with approx. 10 - 15% oversize grain

⁴⁾ no options

⁵⁾ side discharge conveyor and return conveyor remain attached to plant for transportation

Standard features: Hydraulically foldable feed hopper, can be operated from the ground / Frequency-controlled vibrating feeder / Frequency-controlled prescreen / Radio remote control / Control with touch panel / Lockable control cabinet, protected against dust and vibrations / Automatic gap setting / Integrated overload protection / Lock & Turn / Swivel arm for changing blow bars / Eye hooks / Spray system for dust reduction / Standard climate package / Lighting

Options: Hopper extension / Side discharge conveyor, can be mounted on left or right / Extension for side discharge conveyor / Electromagnetic separator, permanent magnet or magnet preparation / Extension for crusher discharge conveyor (hydraulically foldable) / Secondary screening unit, in comfortable container dimension, suitable for hook and lift / Belt scale / Belt cover for side discharge conveyor (aluminium, tarpaulin) / Socket 110 V / Track pads for the crawler chassis to protect subsurface / Climate packages: Hot or cold package